



Boundary Dam License Update

***Energy & Environment
Committee
July 9, 2013***

Seattle City Light

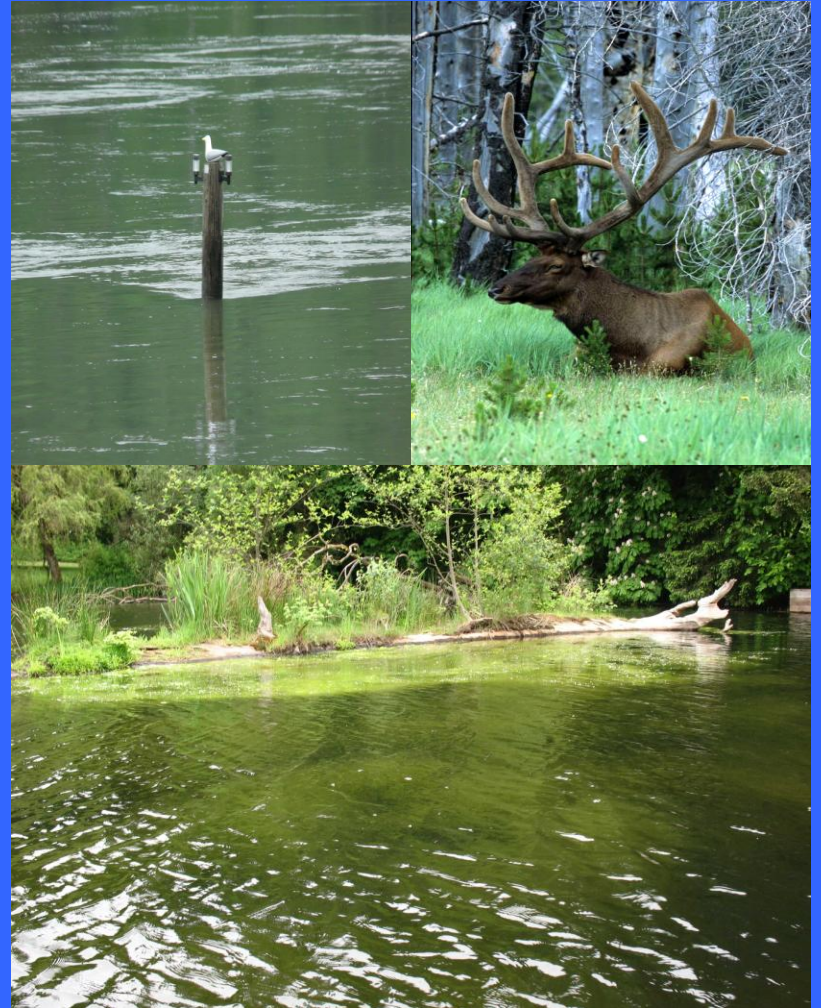


Agenda

1. New Boundary license overview
2. Native Salmonid Conservation Facility contract solicitation (\$2.8m)
3. Mill Pond Dam removal contract solicitation

Boundary License Order

- Issued March 20, 2013
- 42 year term
- Adopted all major issues from both Boundary and Sullivan settlement agreements



New Boundary License Overview

- ***Retain full operational flexibility for 42 years.***
- Protect and enhance habitat for native fish species
- Protect water quality
- Protect and enhance terrestrial resources
- Enhance recreational opportunities
- Protect historic and cultural resources
- Decommission water level monitoring wells



Non-native fish



Bull trout

Fish & Aquatics Measures



Mountain whitefish

- **Primary focus is native salmonid restoration**
- Protect and enhance westslope cutthroat trout, bull trout, and mountain whitefish
- Install upstream fishway
- Study ways to reduce mortality in fish heading down past dam
- Focus habitat enhancements in tributaries to Boundary reservoir
- Remove non-native fish and restore natural habitat for native fish, including removing Mill Pond Dam
- Propagate native salmonids to place in restored tributaries as part of a Native Salmonid Conservation Program

Mill Pond Dam Removal and Streambed Restoration

- Dam owned by Pend Oreille PUD.
- In exchange for mitigation in Boundary Project area City Light will
 - ✓ Remove Mill Pond Dam, creating 50 miles of free flowing river
 - ✓ Restore and improve habitat upstream and downstream of the current dam
- Contract solicitation process for design/removal scheduled for winter 2013-2014



Mill Pond Dam

Native Salmonid Conservation Program



Westslope cutthroat trout

- Key element is a conservation hatchery facility designed to propagate native salmonids for placement into the newly restored creeks
- Phased approach with some overlap:
 - ✓ Phase I – Feasibility analysis (2013 - 2014)
 - ✓ Phase II- Develop scientific and operational plans (2014 - 2015)
 - ✓ Phase III- Scientific and facility O&M (2015 - 16)
 - ✓ Phase IV – Public works and construction (2017 – 2019)

Native Salmonid Conservation Program

- Facility must be operational in 2019
- Contract estimated at \$2.8m for 7 years (Phases 1 – 4)



Questions?

